

1908 No. 2

New Mexico

VOL. II

1908

Vernon Bailey

U.S. Dept. Agrl.

1908

Chuska Mts.

Oct. 12

Cottonwood Pass -

down east slope -

Pinus ponderosa 7000 -

" *edulis* - 7000

Juniperus scopulorum - " -

" *monosperma* - " -

Yucca baccata - " -

" *narrow leaf* - " -

Cercocarpus parvifolius -

Artemisia bidentata 5000 - 7500

" *arborescens* 7000 - "

Opuntia robusta - " -

" *longispina* spines - " -

" fine " - -

Cylindropuntia los - -

Cowania mex - a little at - -

Bigelovia tortifolia - " -

Gutierrezia - " -

Urtica canescens - " -

" *confertifolia* - \$300

Sarcobatus - 6000

Populus wislizenii? a few - 5300

Ephedra antisyphilitica - 5000

Oct. 13 to Rio Chacá
Same plants

Oct. 14 to Fruittland
Sarcobatus vermiculatus
Atriplex canescens
" *confertifolia*
Ephedra
Bigelovia canescens
Artemisia Tridentata
Lycium pallidum
Opuntia fine spines
Cylindropuntia low
Yucca angustifolia
Rumex alata, *Cainagra*

Fruittland Oct. 14 -
Populus aspenifolia
Populus virgineus
" *angustifolia*
Betula occidentalis /
Salix
"
Shepherdia argentea
Forestiera
Rhus trilobata
Artemisia tridentata
Atriplex canescens
" *confertifolia*
Bigelovia canescens
"
Gutierrezia
Chionone
Senecio douglasii
Chrysopsis
Baccharis
Rosa
Glycyrrhiza
Oenothera
Helianthus annuus
Xanthium

Dan Juan Valley

Grimes Golden best apples
 Jonathan " nut "
 Arkansas Black "

Roman beauties

Bartlett pears
 Russet

Oct. 14-19 - Fauntlands

<i>Ardes herodias</i>	1
<i>Buteo calurus</i>	com
<i>Archibuteo</i>	1
<i>Accipiter velox</i>	1
<i>Pica</i>	com
<i>Cyanocitta cristata</i>	1, 3,
" diadema	a few
<i>Aphelocoma</i>	"
<i>Euphagus</i>	com,
<i>Agelaius</i>	com.
<i>Molothrus</i>	
<i>Sturnella neglecta</i>	com.
<i>Asyndesmus torquatus</i>	2
<i>Colaptes</i>	com
<i>Dryobates</i>	1
<i>Pipilo archas</i>	com
<i>Zonotrichia</i>	"
<i>Junco</i>	"

OtocorisHoglodytes

Dendroica auduboni com

Merula m. propinqua "

Myadestes townsendi 1-

Corvus sinuatus 3

Sittamelani 2

Circus com

Bubo hard

Falco sparverius & vairdi

Fairchild

Cynomys gunnisoni
Lynx spilogaleus

Neotoma

Peromyscus

Perognathus apodus

Perodipus longipes

" *Dipodomys deserti*

Thomomys talpoides

Lepus texensis

" *bairdii*

" *argenteus*

Canis este

Urocyon

Zyzrix

Mephitis

Taxidea

Castor cutting

Erethizon, a few reported

Procyon said not to occur.

Oct. 20 Farmington & Largo

Falco mexicanus

Circus

Pica com all day

Agrilaius

Euphagus

Aphelocoma

Zenaidrichia

Juncos

Otocoris

Sturnella

Corvus sinuatus

Passer domesticus 100 at Largo

Oct. 21 up Largo

Gopherus

Pica

Sialia arctica

Polioptila plumbea

Juncos

Zenaidrichia

Carpodacus

Calaptes

3

a few

com

11 + 1

com

"

5

1

Lays & Largo Blanca.

Populus aristigera
Sarcobatus
Atriplex canescens
" *confertifolia*
Eruca sativa
Eurotia lanata
Cylindropuntia low
Opuntia fine spines
Bigelovia canescens
" *Pinus edulis*
Juniperus (big berry)
Forestiera,
Yucca angustifolia

Oct. 21 Blanco Camp

Populus aristigera
Juniperus monosperma
Pinus edulis
Forestiera,
Atriplex canescens
" *confertifolia*
Sarcobatus
Bigelovia, *bipinnis*
Gutierrezia

Oct. 22 Blanco Camp

<i>Crocosmia multiflora</i>	486	2
<i>Pica</i>	475	R
<i>Pipilo aureo</i>	588	1
" <i>mesoleucus</i>	592	1
<i>Bubo scandiacus</i>	375	
<i>Tunca</i>		
<i>Zenaidura</i>	554	
<i>Scalia arctica</i>	768	
<i>Coloptes</i>	413	
<i>Otocoris</i>	474	

<i>Acacia constricta</i>	common
<i>Cyprus sempervirens</i>	soldiers
<i>Melilotus albus</i>	com
<i>Erythizon</i> growing	com
<i>Dipodomys spectabilis</i>	"
<i>Perodipus</i>	"
<i>Thomomys</i>	"
<i>Lepus tex-</i>	"
" <i>ariz-</i>	"
<i>Cynomys</i>	"
<i>Zenaidura</i>	"

Oct. 23 Kimbetoh & Chaea -

<i>Falco mex</i>	2	"	355
<i>Buteo calurus</i>	337b	"	3
<i>Circus</i>	349	"	2
<i>Pipilo nelsoni</i>	592	"	com
<i>Carpodacus</i>	519	"	-
<i>Salpinctes</i>	715	"	1
<i>Passer domesticus</i>	702	"	com at Points
<i>Corvus sinuatus</i>	486	1	"
<i>Oreocetes</i>	474	"	abn.
<i>Anthonis revadensis</i>	574.1	"	a few
<i>Colaptes</i>	413	"	"

Fossil forest in branch of Kim

Oct. 24, Puerto Points.

<i>Atrichopus canescens</i>	
"	<i>confertifolius</i>
<i>Bigealia canescens</i>	
<i>Gutierrezia</i>	
<i>Eusotba tanala</i>	
<i>Opuntia</i>	fins spines
"	round, low,
<i>Cleus paniculatus</i>	big,
<i>Rhus aromatica</i>	in canyon
<i>Juniperus monosperma</i> , comata	
<i>Pinus edulis</i>	com media

<i>Buteo f. calurus</i>	337b
<i>Accipiter sanctogiovannis</i>	347a
<i>Falco mex</i>	355
<i>Circus</i>	331
<i>Coccothraustes sinuatus</i>	486
<i>Otocoris</i>	474
<i>Sialia arctica</i>	768

<i>Erythizon</i>	1 doel
<i>Cynomys gun</i> - com, out	
<i>Cynomys leucurus</i>	1
<i>Perodipus</i>	abn.
<i>Leporinus spectabilis</i> , com.	
<i>Leopardus</i>	18 in house
<i>Neofelis</i>	com
<i>Coyotes</i>	4, abn.
<i>Bedgers</i>	com

Oct. 29, Hasta Mts.

Pinus ponderosa
Quercus gambelii
" *nuculata*
" *grisea*
Pinus edulis
Juniperus monosperma
Cowania
Cercocarpus
Bigelovia canescens
" *baffnes*
Gutierrezia
Chrysoma,
Tetradymia canescens
Eruodia
Artemisia tridentata
Atriplex canescens
" *confertifolia*

Bluewater

Oct. 26 to San Rafael

Oct. 26-31 San Rafael

Populus
Pinus edulis
Juniperus monosperma
Foestiera
Lycium pallidum
Rhus trilobata
Ribes cereum
Opuntia arborescens
Nolina
Sarcobatus
Atriplex canescens
Suaeda
Tumbleweed
" *Helianthella*"
Fallugia
Bigelovia
Opuntia fine spines
" brown spines
Carex fine spines
Helianthus fine spines

Oct. 27 - 3 / San Rafael

<i>Anas diazi</i>	com
<i>Strix varia</i> , <i>Chondestes grammacus</i>	"
<i>Nuttallius carolinus</i>	a few
<i>Gallinago delicata</i>	1
<i>Oxybelus occipitalis</i>	2
<i>Nyctocorax</i> said to be same	
<i>Rail, Porzana?</i>	hard
<i>Zalea mexicana</i>	a few
" <i>phalaena</i>	1
<i>Circus</i>	com
<i>Aquila</i>	2
<i>Accipiter octo</i>	1
<i>Buteo?</i>	
<i>Callipepla squamata</i> said to be key	
<i>Zenaidura gambeli</i>	"
" <i>mearnsi</i>	"
<i>Sayornis nigricans</i>	a few
<i>Colaptes</i>	"
<i>Lanius</i>	"
<i>Otocoris</i>	numer
<i>Anthus</i>	a few
<i>Juncos</i>	com
<i>Zonotrichia</i>	>
<i>Melospiza lincolni</i>	a few
" <i>montana</i>	"
<i>Rhynchospiza macrorhyncha?</i>	"
<i>Pipilo mesoleucus</i>	"
<i>Myiochanes townsendi</i>	"
<i>Passer domesticus</i>	com

Marshwren

Catherpes

Trochilus baileyi

" *aridus*

Corvus sinuatus

Agelaius

Xanthocephalus

said to be

Sturnella neglecta

com.

Cyathula americana

1

Lanius

Buteo

1

Geococcyx

1 with snake

Merula migratoria 3 Nov. 1.

Oct. 27 - San Rafael
Eutamias dorsalis, com
Citellus grammurus 2
Cyprinus grammis co.
Pleotoma walpaei
" " "
Micromys neomexicanus co
Thomomys scarce
Perodipus
Perognathus
Lepus tex
" *argenteus*

Kentches

Neotoma hay
Vetch
Ceanothus

Nov. 2 to Grants

Nov. 5 Thoron to Kentney
Prinus edulis
Juncus monostachys
" *sepulcralis*
" *pachyphloea*
Bigelovia canescens
Atriplex canescens
Ectadiagyna canescens
Yucca baccata
Opuntia, flat, brown spines.

Pinus ponderosa
Pseudotsuga
Quercus gambelii
Populus angustifolia
Berberis repens
Talix
Cornus
Ceanothus
Yucca angustifolia
Amelanchier
Populus tremuloides
Rhus glauca
Pachystima
Juniperus communis
Symplocarpus
Ribes species

Zuni Mts - Nov, 2+3

Melocallis

Calidris melanotos

6

Circus

1

saintbel.

Dendrocygna

1

Accipiter cooperii

1

" *asturinus*

2

" *velox*

2

Circus

2

Cyanocitta

com

Trochocercus

4

Zenaidrichia

"

Sitta pygmaea

"

Milospiza

"

Zuni Mts.

Odocoileus hemionus

" *cousii?* reported,

Scurus aberti com.

" *wogollensis?*

Eudromias

com

Citellus grammurus

Cynomys gunnisoni

com.

Neotoma mex. ?

"

Microtus mordax - many

" *wogollensis?* many

Erythizon

a

Thomomys fulvus

"

Lepus robustus?

"

Canis mearnsi

com.

Ursus

a few,

Taxidea

com

Nipotitis

1

Ibouan

Passer domesticus

abs

Wash Engle & Dain.

<i>Prosopis glandulosa</i>	Com
" <i>pubescens</i>	"
<i>Acacia constricta</i>	a few
" <i>greggi</i> ?	
<i>Dalea formosa</i>	Com
<i>Rhus microphylla</i>	"
<i>Cocculus</i>	"
<i>Houmania esculenta</i>	abs
<i>Lycium andersonii</i> ?	Com
" <i>pallidum</i>	"
<i>Fouquiera</i>	in place "
<i>Juniperus monosperma</i> N.	Com
<i>Celtis</i>	in canyons "
<i>Zizimus</i>	"
<i>Ehretia? Sapindus</i>	"
<i>Rhus acuminata</i>	"
<i>Atriplex canescens</i>	"
<i>Yucca stricta</i>	
" <i>lata radiosa</i>	abs
" <i>mucronata</i>	a few
<i>Dasyperian</i>	on rocks
<i>Opuntia arborescens</i>	com
" <i>leptocaulis</i>	"
" <i>engelmanni</i>	spic
" brown spined	"
" waxy spined	"
" fine white spines	"
<i>Echinocactus wislizenii</i>	com
<i>Cereus engelmanni</i>	"

<i>Quercus gresea</i>	N. in canyon
<i>Populus wislizenii</i>	"
<i>Baccharis viminea</i>	along R.
"	fin. leaf
<i>Forestiera</i>	"
<i>Zizyphus</i>	com.
<i>Vitis arizonica</i>	along R. a few
<i>Ephedra</i>	green
"	blue
<i>Koeberlinia</i>	a few
<i>Gutierrezia</i>	abn
<i>Buglossoides</i>	
<i>Senecio douglasii</i>	one
(<i>Parthenium incanum</i>)	"
(Mariola, rubber plant)	co
<i>Lippia wrightii</i>	"
<i>Zygium pallidum</i>	"
"	<i>parviflorum</i>

Rio Grand & Engle

<i>Callipepla</i>	293	abn
<i>Zenaidura</i>	359	co
Turkeys	"	"
<i>Pipilo maculatus</i>	54	"
<i>Abelococca</i>	480	1
<i>Toxostoma curvirostra</i>	707	1
<i>Dryobates bairdi</i>	393	4
<i>Colaptes</i> ~	117	3
<i>Hibiscus</i> ~	113	com
<i>Passer domesticus</i> , an both places		
<i>Otocoris</i>		
<i>Carpodacus</i>	519	3
<i>Circus</i>		231
<i>Archibates</i> fe.	1	193
<i>Spermophilus</i>		172
<i>Aquila</i>		349

Engls to Rio Grande down

Citellus grammurus 3
Cynomys ludovicianus abn
Neotoma
Dipodomys spectabilis abn
Lepus texensis co
" a. minor " "
Vulpes macrotis 1
Canis mearnsi 1 cor.
Procyon, conding R.
Uroplatus "
Taxidea taxus, holes

Wiseilla Park Nov. 8-12
Zenaidura macroura 1
Callipepla squamata co
Lophortyx gambeli " "
Colaptes 2 "
Accipiter cooperii 1
Zenaidrichia abn
Carpodacus frontalis com
Spizella breweri? a few
Ostrocephalus psaltria co
Passer domesticus "
Heliodytes "
Toxostoma curvirostra 1
Mimus luteus 3
Sialia mex. 4
Agelaius 1 com
Sturnella 2 "
Pyrocephalia 2 "
Otocoris open "
Anthus " "
Tunes 2 "
Proocrypt tracks com
Sialia mex 4 "
Lanius 4 "
Falco sparverius 1
Accipiter cooperii 1
Sayornis saya 1 Nov. 11/12

Mossy Park, No. 7-

Populus wislizenii
Salix

"

"
Prosopis glandulosa

" *adorata*

Baccharis glutinosa

"

Phacelia borealis

Frasinus velutina

Sambucus mexicana Tree

Juglans " big green tree

Atriplex canescens

"
Chilopsis

Grewia radiosa

" *macrocarpa*

Zygiphus

Ceratita

Lycium fremontii torreyi

Amorpha big

(*Larrea* spinescent
leafless lacteal like)

Acacia

unblurred

On mesas

Couleea	- 5000
Koeberlinia	- "
Flourensia cernua	- "
Kraseriopsis canescens	- "
Acacia constricta	- 5500
Koeberlinia	- 5000
Rhus microphylla	- 5500
Greya radiosa	- "
" macrocarpa	- 5000
Ephedra trifurca	- "
Hymenodictia monogyna in wash	
Callosanthus lassiniata	" "
Gutierrezia glomerata	- 5000
" linearifolia	"
Baccharis pteronioides	"
Zizina peninsularis	"
Opuntia longihaitanths	- 5000
Cercis engelmanni?	
Echinocactus wislizeni	- 5000

Misilla Park

Bundavis opplo
Black bundavis ..
Arkansas black
Missouri pipkin

Mesa + Organ Mts. Nov. 9

Mimosa biuncifera	5000-
Chrysocoma laevigata	" -
Zinnia douglasii	" -
Opuntia arborescens	"
" cylindrica	"
Rhus aromatica	"
" peninsularis	"
Quercus arizonica	"
Morus microphylla	"
Celtis reticulata	"
Uruguayas speciosa	"
Lippia wrightii	"
Garrya wrightii	"
Tuniperus pedunculata	5500-
Agave applanata	"
Dasyllis car.	"
Fragaria vesca	"
Carex capillaris paniculata	"
Rubus occidentalis	6100
Callosanthus wrightii	5500-6300
Pinus edulis	" - 6500
Sapindus	"
Fraxinus	5000 - "

Oregon nets - Nov. 9

<i>Pinus ponderosa</i>	NE, 6200-
<i>Quercus gambelii</i>	" 6300-
<i>Pseudotsuga</i>	" 6500-
<i>Robinia neomexicana</i>	" 6300-
<i>Sophora secundiflora</i>	6800
<i>Ptelea</i>	6300
<i>Brownea pectoralis</i> , Chass	" -

Organ Nut Nov. 9

Aphilocoma *affinis*
Cathartes *in*
Harporhynchus curvirostris 3
Coracocercus frontalis *in*
Callipepla squamata *m.*

Went up to
Highest peak 7050 -
8900 !

Dipodomys spectabilis 4800-5200
begins at 8 miles E. of town

Perodipus ordii, one found dead 4200

Miller Park
Apples

Bendavis very good
Black Bendavis better
Arkansas black best
Mammoth Blacktwig, very good
Missouri Pippin " "
Rhode Island Green "

Peaches

Alexanders, best early peach
Crawfords, early & late, very good
Albertas, very good, sure crop

Plums

Blue plums (Prunes) do well
Green Gage "

Pears

Not sure crop.

Cherries N.Q.

Tips

Have to be protected to live

Grapes

Mission good, standard
Muscats, do well if heated in
Alexanders " "

Zokely " "

Flame Zokelys, doublet.

Quinces - do well

Musilla Park
Nov. 13 to El Paso
R.J.(or El Paso) S.Wa. & Chicago

Nov. 14 Liberal Kansas
to Topeka - dusk

Nov. 15
Rock Island to Chicago
12 m.
Left Chicago 5 PM, Dec.

Plant Catalog 1908

Albuquerque N.M. July 28

1420. *Gutierrezia*

1421. *Looesoma drummondii* Green

1422. *Paeonia iminea* G.

1423. *Didea canescens* ^{Perosella} *scoparia*, Rose

1424. *Chrysanthemum bigelovii* G.

1425. *Ephedra antisiphilitica*

*1426. Mazana Mts. July 30.

1426. *Sorbus scopulina* (Wooten)

1427 ~~Opuntia~~ ^(Wooten) *Edwinia americana*

1428. *Berberis haematocarpa* Wooten

Hachita Aug. 6.

1429. *Condalia spathulata* (Wooten)

1430. *Cassia wistini* Rose

Animas Valley, Aug. 6
1431. *Juglans major*

1908.

San Francisco Mts. Sept. 4
 1432. *Ceanothus fendleri*
 1433. " "

White Mts. Ariz Sept. 13

1433. *Ceanothus fendleri*
 1434. *Vicia leavenworthii*, (Wight)
 1435. *Abrus tenuifolia* (Wooton)

Thomas Peak 11280 ft., Sept. 12

1436. *Clementia rhodantha* R.
 1437. *Pseudognaphalium montanum* R.
 1438. *Ligusticum porteri* R.
 1439. *Gentiana*
 1440. *Gentiana*
 1441. *Douglasia hoopesii* Green
 1442. *Vaccinium myrticetorum?*
 1443. *Potentilla*

Thomas Peak -

1444. *Pentstemon*

1445. *Pedicularis*

1446. *Campanula*

1447. *Solidago parryi* Green

1448. *Senecio rubyi* "

1449. *Picradenia* "

1450. *Achillea lanulosa* Green "

1451. *Draba*

1452. *Draba*

1453. *Arenaria*

1454. "

1455

1456. Fern

Las Tunas Sept. 18

1457. *Cowania mexicana*

Zuni Valley Sept. 22

1458. *Chrysanthemum graveolens* - Green

1459. *Chrysanthemum moquianus* "

1460. *Chrysanthemum stenophyllum* "

1461. *Populus wislizeni* (Woolen)

Chusca Mts., E. elev. 7000. Alt. 12

1461a. *Asteriscia arbuscula*?

1462. *Asteriscia Tridentata*

Fruitland Oct. 18

1463. *Chrysanthemum linifolius* - Green

1464. *Baeckea*

1465. *Chrysanthemum graveolens* - Green

1466. *Adelia neoneurioides* - green

Organ mts. Nov. 9

1467. *Berberis haematocarpa* Wooten

1468. "

from type bush.

1469. *Sambucus monilicarpa* - Wooten

Chusca mts.

1470. *Fuegia angustifolia*? o.s.p. nov.

San Rafael

1471. *Notina*

Rocky Creek, 8000 feet.

1472. *Ribes pinetorum*, spiny ^{coarse} berries

Esendilla mts.

1473. *Ribes pinetorum* Coarse

1474. *Ribes inebrians* (red currant) C.

Thomas Peak 11280 feet

1475. *Ribes montigenum* (red) C.
White mts. 8500 feet.

1476. *Ribes wolfii*, (blue) C.

~~Esendilla mts.~~

1477. *Ribes inebrians* (red) C.

1478. *Ribes pinetorum* (spiny) C.

1479. " "

1480. " *wolfii* (blue) C.

Hachita, N.M. (15 mi. E.)

1481. *Juniperus scopulorum*?

Las Tunas Ariz.

1482. *Juniperus scopulorum*?

Chuska Mts., N.M. 8000 ft

1483. *Juniperus scopulorum*

Canyon Largo

1484. *Juniperus utahensis*

Canyon Blanca

1485. *Juniperus gymnoarpa*

San Rafael

1486. *Juniperus gymnoarpa*

Engle Dam

1487. *Juniperus monosperma*

Zuni Valley

1488. *Quercus engelmannii gambelii*

Zuni Mts.

1489. *Quercus gambelii*

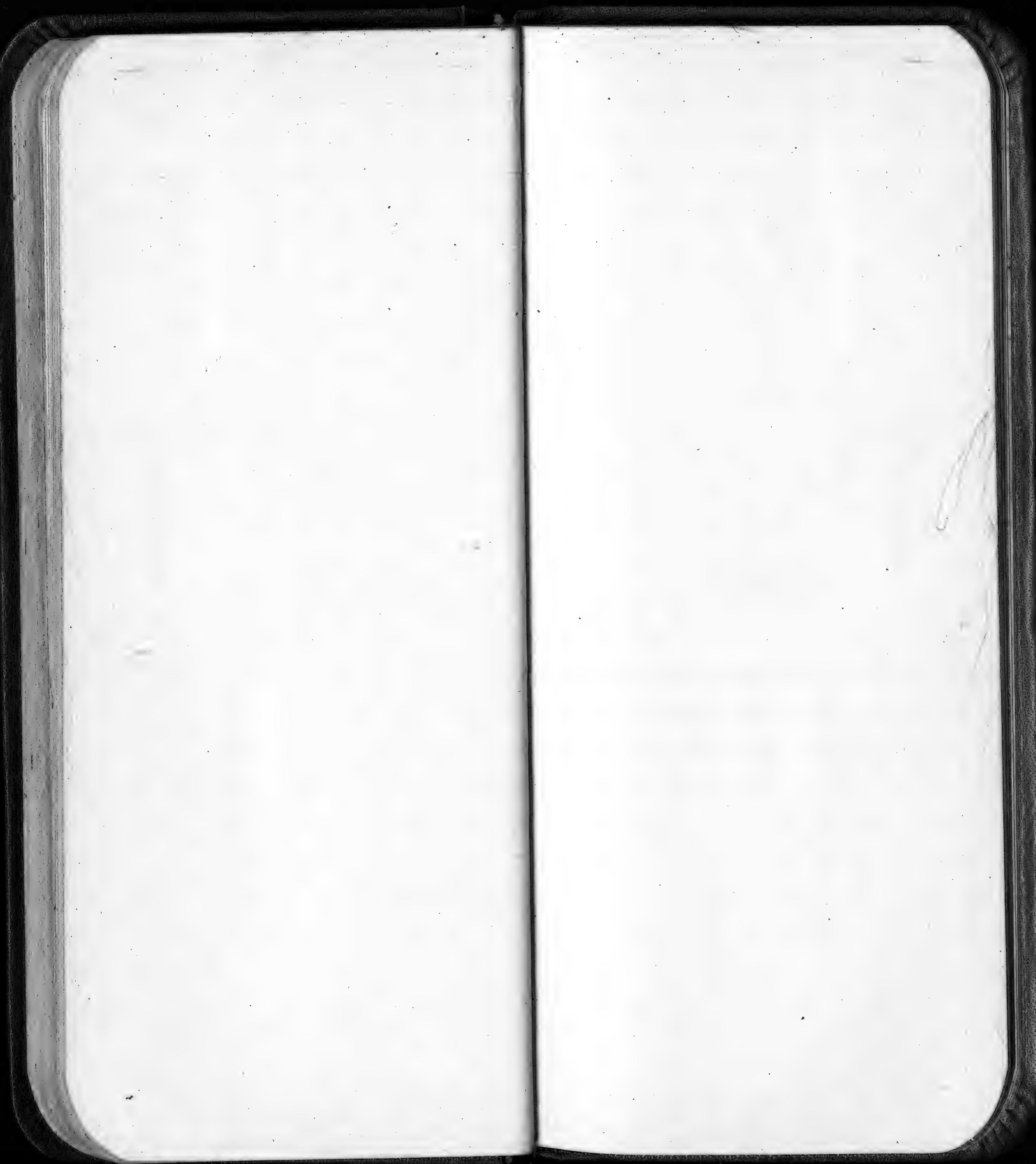
Organ Mts.

1490. *Quercus goudotii monilifera*

1491. " *arizonica*

Silver City N.M.
1493. *Juglans major*

Playas Valley
1494. *Juglans major*



Misilla Park, N.M.

Wootton
 Prof. Fabian Garcia
 D. Garrison
 Prof. Henry Standley
 Ollinger
 Sieg

N. N. Hager
 W. S. Gillean
 S. P. Stewart
 J. C. Robbins
 E. T. Turney
 J. Q. Stewart
 O. C. Snous
 Hiram Hadley
 Dr. Robertson

Misilla, N.M.

Dr. Hines
 W. C. Reynolds
 Capt. Wilkason

Victoria, N.M.

F. H. White
 W. M. Mead
 J. H. Potter
 P. H. Hanum
 Peter Applezoller

Las Cruces, N.M.

Rio Grande Republican
 James Quesenberry
 Robt. Elwood
 Wilber Sampson
 P. R. Birdwell
 H. M. Peterson
 John McClure
 Frank Crop

Bisbee, N.M.

D. J. Jones
 C. A. Thompson
 J. G. Kilgoore
 C. E. Stark
 John McNare
 J. L. Thompson

Anthony, N.M.

P. H. Bailey
 C. E. Miller
 Royal Jackman

Transportation orders

Washington to Albuquerque	50.00
El Paso to Denver	5.00
Thorne to Albuquerque	5.05
Albuquerque to Engle	5.65
El Paso to Wash.	52.90
	<u>123.40</u>

Expense Accts.

July.	48.00
Aug.	126.80
Sept.	179.40
Oct.	172.40
Nov.	83.40
	<u>610.00</u>
	<u>123.40</u>
	<u>733.40</u>

N. L. Loring, Tasker
H. D. Farnsworth, Ariz.

J. B. Moore, Crystal, N.M.
Cyril James Collier
Fruitland, N.M.

Grover Johnson, Farmington

F. T. Annot, Blanes

Jos. Schmeling, Pueblo
Putnam, N.M.

C. B. Russell, Bluewater

Dr. Chas W. Groves,
Gage Hospital
Edelweiss Garcia,
Miss. Lester

Bluewater Irrigation Co.
Albuquerque
for Bluewater

H. J. Brock, Grandm'm

Holtekiss cr. \$15.00
~~13.65~~
1.35

Camera 11.25
3 film pads ~~2.40~~
13.65
2 film pads 1.40
15.25

